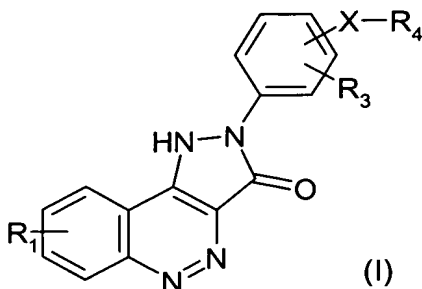


The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A compound of formula (I) or a pharmaceutically or veterinarily acceptable salt, hydrate or solvate thereof:



wherein

R₁ and R₃ independently represent H; F; Cl; Br; -NO₂; -CN; C₁-C₆ alkyl optionally substituted by F or Cl; or C₁-C₆ alkoxy optionally substituted by F;

R₄ represents a carboxylic acid group (-COOH) or an ester thereof, or -C(=O)NR₆R₇, -NR₇C(=O)R₆, -NR₇C(=O)OR₆, -NHC(=O)NR₇R₆ or -NHC(=S)NR₇R₆ wherein

R₆ represents H, or a radical of formula -(Alk)_m-Q wherein

m is 0 or 1

Alk is an optionally substituted divalent straight or branched C₁-C₁₂ alkylene, or C₂-C₁₂ alkenylene, or C₂-C₁₂ alkynylene radical or a divalent C₃-C₁₂ carbocyclic radical, any of which radicals may contain one or more -O-, -S- or -N(R₈)- links wherein R₈ represents H or C₁-C₄ alkyl, C₃-C₄ alkenyl, C₃-C₄ alkynyl, or C₃-C₆ cycloalkyl, and

Q represents H; -NR₉R₁₀ wherein R₉ and R₁₀ independently represents H; C₁-C₄ alkyl; C₃-C₄ alkenyl; C₃-C₄ alkynyl; C₃-C₆ cycloalkyl; an ester group; an optionally substituted carbocyclic or heterocyclic group; or R₉ and R₁₀ form a ring when taken together with the nitrogen to which they are attached, which ring is optionally substituted; and

R₇ represents H or C₁-C₆ alkyl; or when taken together with the atom or atoms to which they are attached R₆ and R₇ form an optionally substituted monocyclic heterocyclic ring having 5, 6 or 7 ring atoms; and

X represents a bond or a divalent radical of formula -(Z)_n-(Alk)- or -(Alk)-(Z)_n- wherein Z represents -O-, -S- or -NH-, Alk is as defined in relation to R₆ and n is 0 or 1.

2. (Original) A compound as claimed in claim 1 wherein the radical R₄X- is in the 4-position of the phenyl ring.

3. (Currently Amended) A compound as claimed in claim 1 ~~or claim 2~~ wherein X is a bond.

4. (Currently Amended) A compound as claimed in ~~any of the preceding claims~~claim 1 wherein R₃ is hydrogen.

5. (Currently Amended) A compound as claimed in ~~any of the preceding claims~~claim 1 wherein R₁ is hydrogen or fluoro.

6. (Currently Amended) A compound as claimed in ~~any of the preceding claims~~claim 1 wherein R₄ represents -C(=O)NR₆R₇ ~~wherein R₆ and R₇ are as defined in claim 1.~~

7. (Currently Amended) A compound as claimed in ~~any of the preceding claims~~claim 1 wherein R₄ represents -NHC(=O)NR₆R₇ ~~wherein R₆ and R₇ are as defined in claim 1.~~

8. (Original) A compound as claimed in claim 7 wherein R₆ is a quinuclidinyl radical.

9. (Currently Amended) A compound as claimed in ~~any of the preceding~~

~~claims~~claim 1 wherein R_6 represents a radical of formula $-(Alk)_m-Q$ wherein m is 1 and the divalent radical Alk contains 3 or 4 carbon atoms and is unsubstituted, and Q represents $-NR_9R_{10}$ wherein R_9 and R_{10} independently represent H; C_1-C_4 alkyl; C_3-C_4 alkenyl; C_3-C_4 alkynyl; C_3-C_6 cycloalkyl; an ester group; an optionally substituted carbocyclic or heterocyclic group; or form a ring when taken together with the nitrogen to which they are attached, which ring is optionally substituted.

10. (Currently Amended) A compound as claimed in ~~any of claims 6 to 8~~claim 6 wherein R_7 is hydrogen.

11. (Original) A compound as claimed in claim 1 wherein Q represents H; $-CF_3$; $-OH$; $-SH$; $-NR_8R_8$ wherein each R_8 independently represents H; C_1-C_4 alkyl; C_3-C_4 alkenyl; C_3-C_4 alkynyl; C_3-C_6 cycloalkyl; an ester group; an optionally substituted aryl, aryloxy, cycloalkyl, cycloalkenyl or heterocyclic group; or form a ring when taken together with the nitrogen to which they are attached; and

R_7 represents H or C_1-C_6 alkyl; or when taken together with the atom or atoms to which they are attached R_6 and R_7 form a monocyclic heterocyclic ring having 5, 6 or 7 ring atoms.

12. (Original) A compound as claimed in claim 11 wherein R_4 represents a carboxylic acid group ($-COOH$) or an ester group of formula $-COOR$ wherein R is methyl, ethyl, n - or iso-propyl, n -, sec - or $tert$ -butyl or benzyl.

13. (Currently Amended) A compound as claimed in claim 11 ~~or claim 12~~ wherein R_6 represents a radical of formula $-(Alk)_m-Q$ wherein m is 1, Alk is $-CH_2-$, $-CH_2CH_2-$, $-CH_2CH_2CH_2-$, or $-CH_2CH(CH_3)CH_2-$, or a divalent cyclopropylene, cyclopentylene or cyclohexylene radical, optionally substituted by OH , oxo , CF_3 , methoxy or ethoxy, and Q represents hydrogen; $-NR_8R_8$ wherein each R_8 may be the same or different and selected from hydrogen, methyl, ethyl, n - or isopropyl or $tert$ -butyl; a methyl, ethyl or benzyl ester; or an optionally substituted phenyl, phenoxy, cyclopentyl, cyclohexyl, furyl, thienyl, piperidyl, or piperazinyl group.

14. (Currently Amended) A compound as claimed in ~~any of claims 11 to 13~~claim 11 wherein R₇ represents methyl, ethyl, n- or iso-propyl, n-, sec- or tert-butyl; or when taken together with the atom or atoms to which they are attached R₆ and R₇ form a monocyclic heterocyclic ring having 5, 6 or 7 ring atoms;

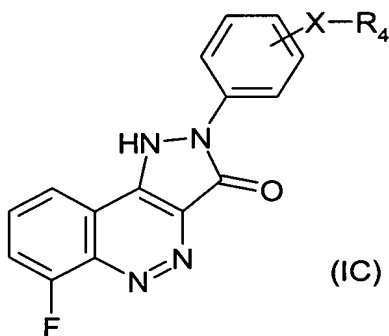
15. (Currently Amended) A compound as claimed in ~~any of claims 11 to 14~~claim 11 wherein R₁ is H, F, Cl, methyl, methoxy, or methylenedioxy.

16. (Currently Amended) A compound as claimed in ~~any of claims 11 to 14~~claim 11 wherein R₁ is F, in the 6-position of the 3-oxo-1,3-dihydro-2H-pyrazolo[4,3-c]cinnolin-2-yl ring system.

17. (Currently Amended) A compound as claimed in ~~any of claims 11 to 16~~claim 11 wherein R₃ is H, F, Cl, methyl, methoxy, or methylenedioxy.

18. (Currently Amended) A compound as claimed in ~~any of claims 11 to 17~~claim 11 wherein X is a bond, or a -CH₂- or -CH₂CH₂- radical.

19. (Currently Amended) A compound of formula (IC) or a pharmaceutically or veterinarily acceptable salt, hydrate or solvate thereof:



wherein X is a bond, or a -CH₂- or -CH₂CH₂- radical and R₄ ~~are as specified in any of claims 3, 7 to 10 or 11 to 18~~ is a carboxylic acid group (-COOH), an ester group of formula -COOR wherein R is methyl, ethyl, n- or iso-propyl, n-, sec- or tert-butyl or benzyl, or -NHC(=O)NR₆R₇ wherein R₆ represents H, or a

radical of formula $-(\text{Alk})_m-\text{Q}$ wherein

m is 0 or 1

Alk is an optionally substituted divalent straight or branched $\text{C}_1\text{-C}_{12}$ alkylene, or $\text{C}_2\text{-C}_{12}$ alkenylene, or $\text{C}_2\text{-C}_{12}$ alkynylene radical or a divalent $\text{C}_3\text{-C}_{12}$ carbocyclic radical, any of which radicals may contain one or more $-\text{O}-$, $-\text{S}-$ or $-\text{N}(\text{R}_8)-$ links wherein R_8 represents H or $\text{C}_1\text{-C}_4$ alkyl, $\text{C}_3\text{-C}_4$ alkenyl, $\text{C}_3\text{-C}_4$ alkynyl, or $\text{C}_3\text{-C}_6$ cycloalkyl, and

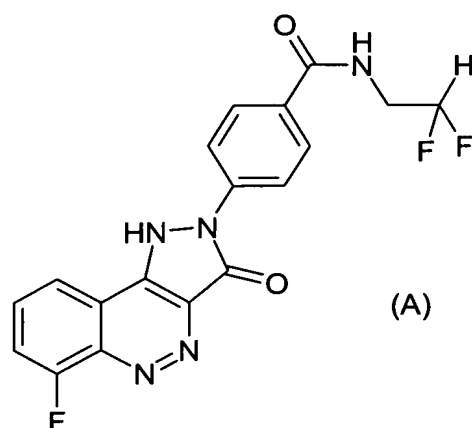
Q represents H; $-\text{NR}_9\text{R}_{10}$ wherein R_9 and R_{10} independently represents H; $\text{C}_1\text{-C}_4$ alkyl; $\text{C}_3\text{-C}_4$ alkenyl; $\text{C}_3\text{-C}_4$ alkynyl; $\text{C}_3\text{-C}_6$ cycloalkyl; an ester group; an optionally substituted carbocyclic or heterocyclic group; or R_9 and R_{10} form a ring when taken together with the nitrogen to which they are attached, which ring is optionally substituted; and

R_7 represents H or $\text{C}_1\text{-C}_6$ alkyl; or when taken together with the atom or atoms to which they are attached R_6 and R_7 form an optionally substituted monocyclic heterocyclic ring having 5, 6 or 7 ring atoms.

20. (Original) A compound as claimed in claim 18 wherein the radical $\text{R}_4\text{X}-$ is in the 4-position of the phenyl ring.

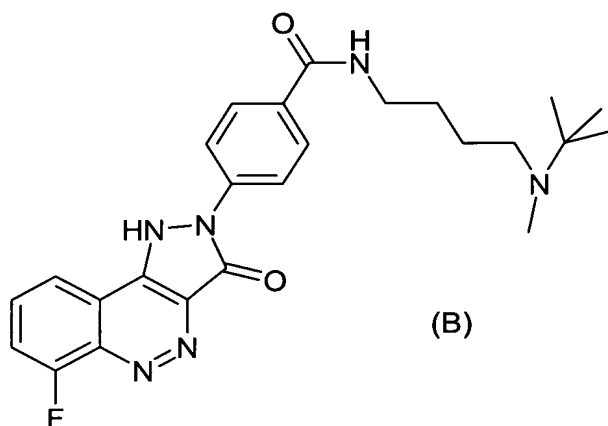
21. (Currently Amended) A compound as claimed in claim 19 ~~or claim 20~~ wherein X is a bond and R_4 is $-\text{C}(=\text{O})\text{NR}_6\text{R}_7$ ~~wherein R_6 and R_7 are as specified in claim 11, or claim 13 or 14 respectively.~~

22. (Original) The compound 4-(6-fluoro-3-oxo-1,3-dihydro-pyrazolo[4,3-c]cinnolin-2-yl)-N-(2,2-difluoro-ethyl)-benzamide, of formula (A)



or a pharmaceutically or veterinarily acceptable salt, hydrate or solvate thereof.

23. (Original) The compound N-[3-(tert-butyl-methyl-amino)-butyl]-4-(6-fluoro-3-oxo-1,3-dihydro-pyrazolo[4,3-c]cinnolin-2-yl)-benzamide, of formula (B):



or a pharmaceutically or veterinarily acceptable salt, hydrate or solvate thereof.

24. (Currently Amended) A pharmaceutical or veterinary composition comprising a compound as claimed in ~~any of claims 1 to 23~~claim 1 together with a pharmaceutically or veterinarily acceptable excipient or carrier.

25. (Currently Amended) A compound as claimed in ~~any of claims 1 to 23~~claim 1 for use in ~~the treatment of~~claim 1 for treatment of conditions which benefit from immunomodulation.

26. (Currently Amended) ~~The use of a compound as claimed in any of claims 1 to 23 in the manufacture of a~~ A medicament for the treatment of conditions which benefit from immunomodulation comprising a compound as claimed in claim 1.

27. (Currently Amended) A method of immunomodulation in mammals, including humans, comprising administration to a mammal in need of such treatment an immunomodulatory effective dose of a compound as claimed in ~~any of claims 1 to 23~~ claim 1.

28. (Currently Amended) ~~A compound for use as claimed in claim 25, the use as claimed in claim 26 or a method as claimed in claim 27 wherein the~~ immunomodulation is immuno-inhibition.

29. (Currently Amended) ~~A compound for use as claimed in claim 25, the use as claimed in claim 26 or a method as claimed in claim 27 wherein the condition is~~ autoimmune disease, rheumatoid arthritis, multiple sclerosis, diabetes, asthma, transplantation, systemic lupus erythematosus and psoriasis.